



FIG. 1(Prior Art)

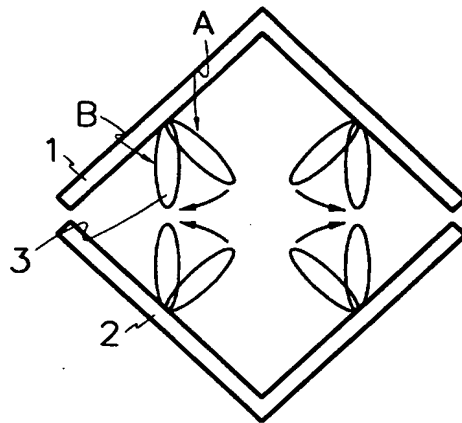


FIG. 2

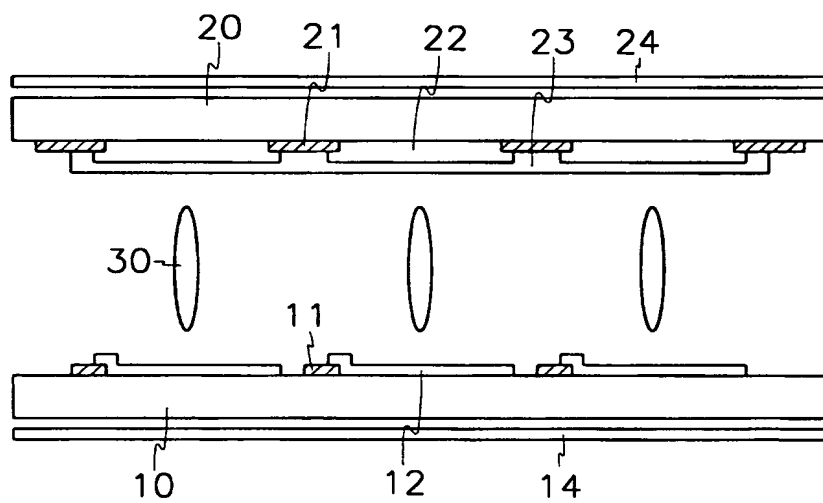




FIG. 3A

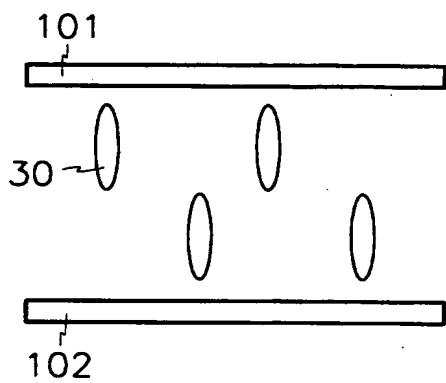


FIG. 3B

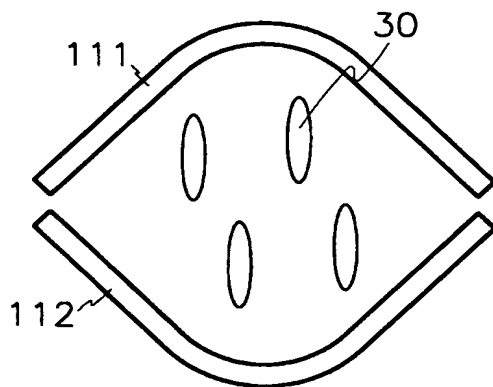




FIG. 4A

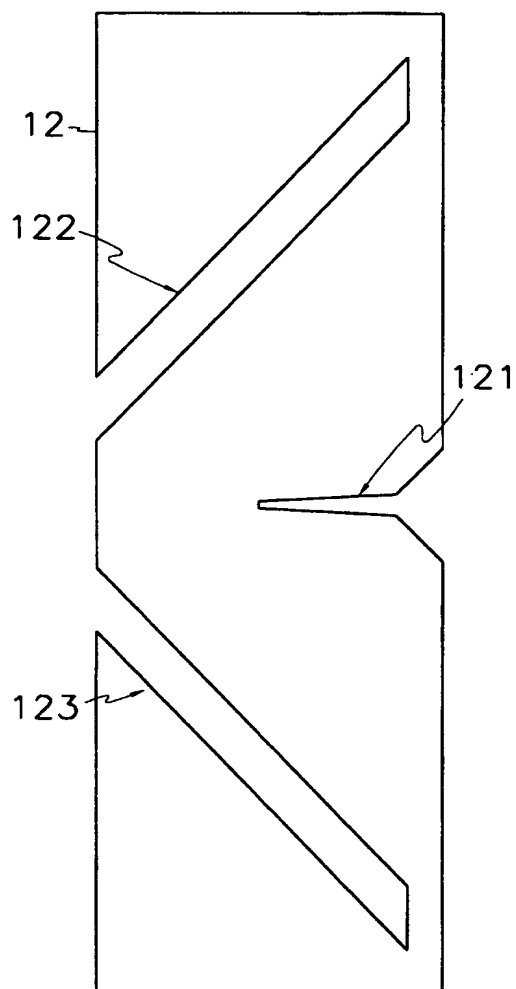


FIG. 4B

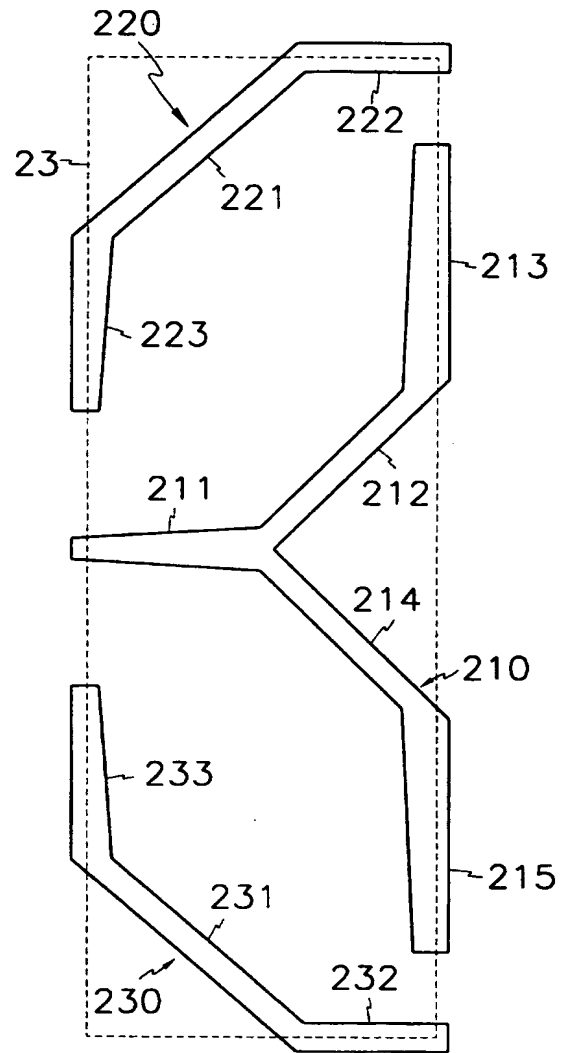


FIG. 4C

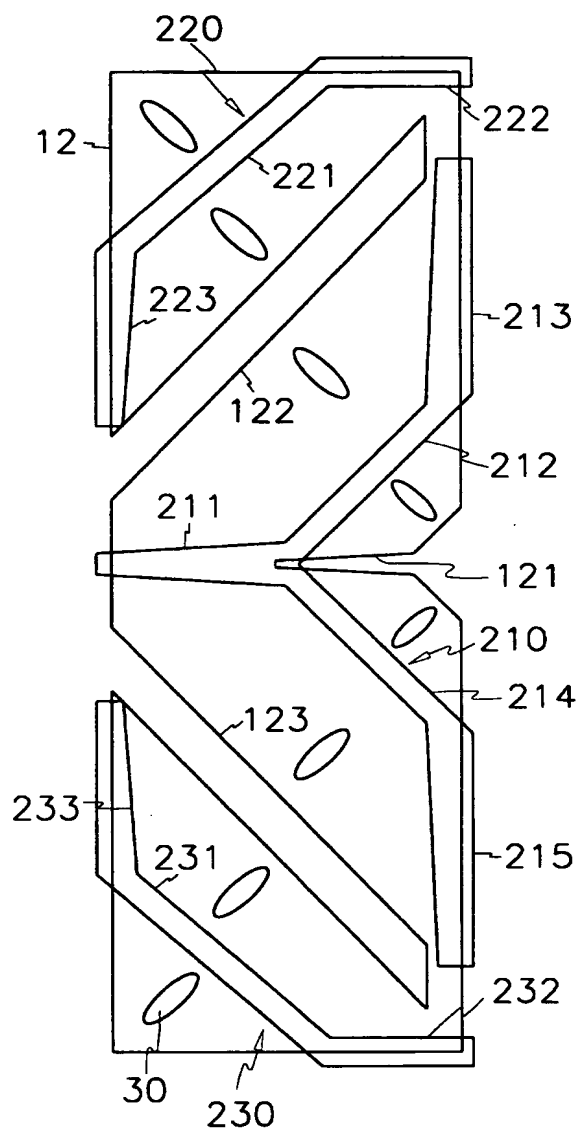




FIG. 5A

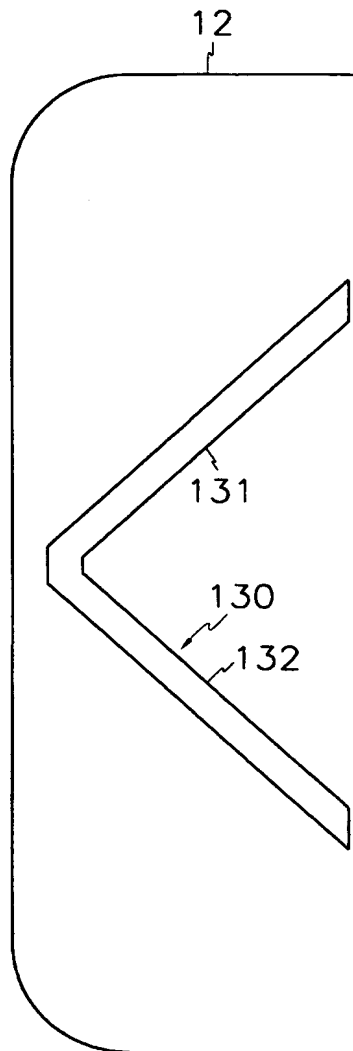
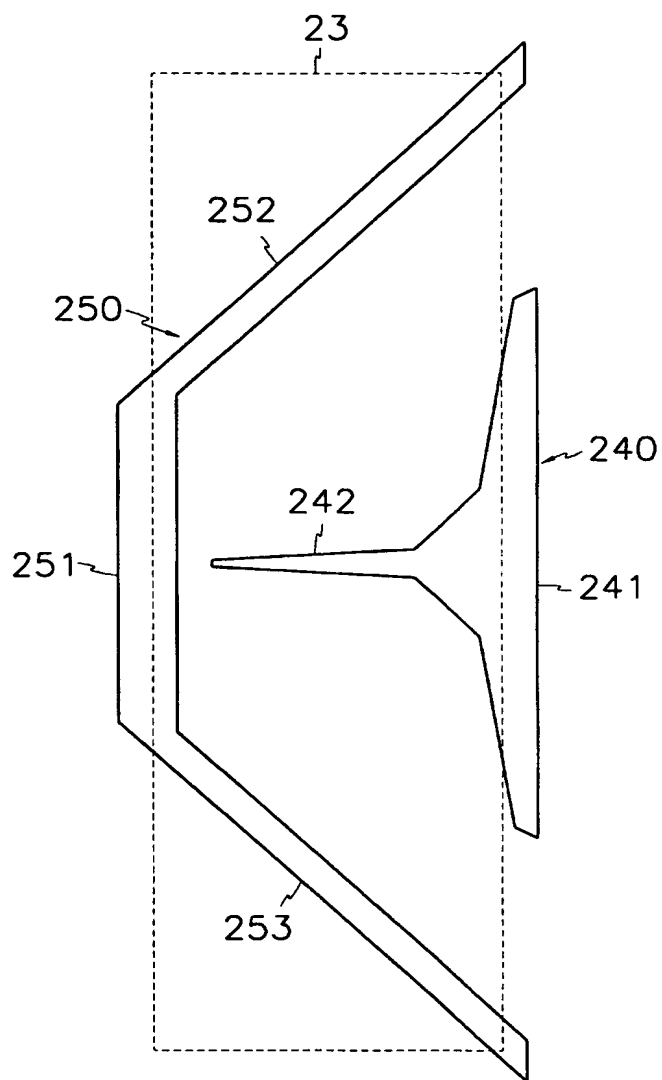


FIG. 5B



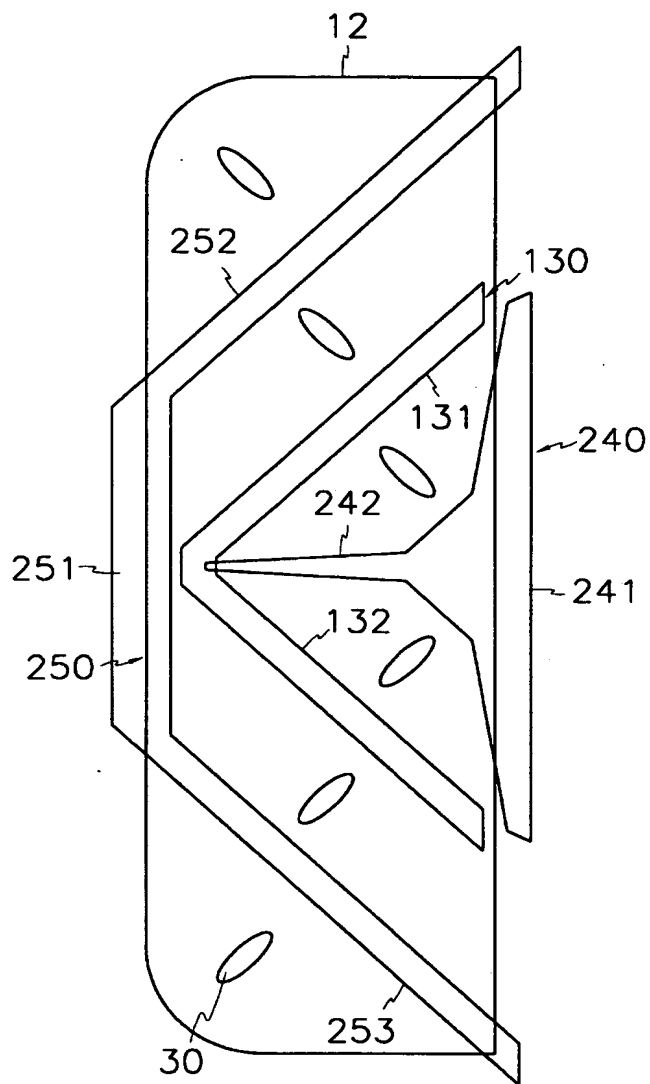
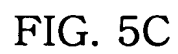




FIG. 6A

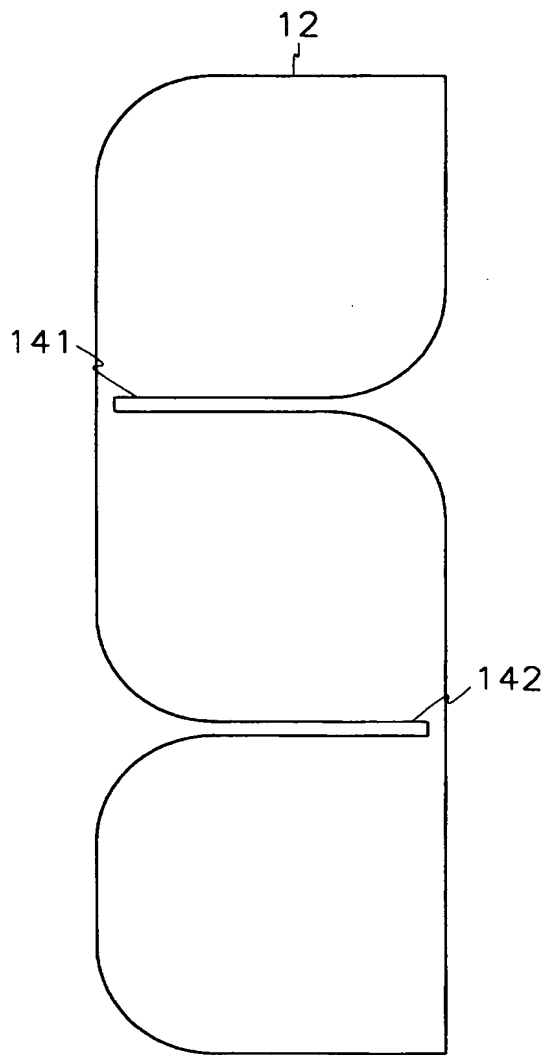




FIG. 6B

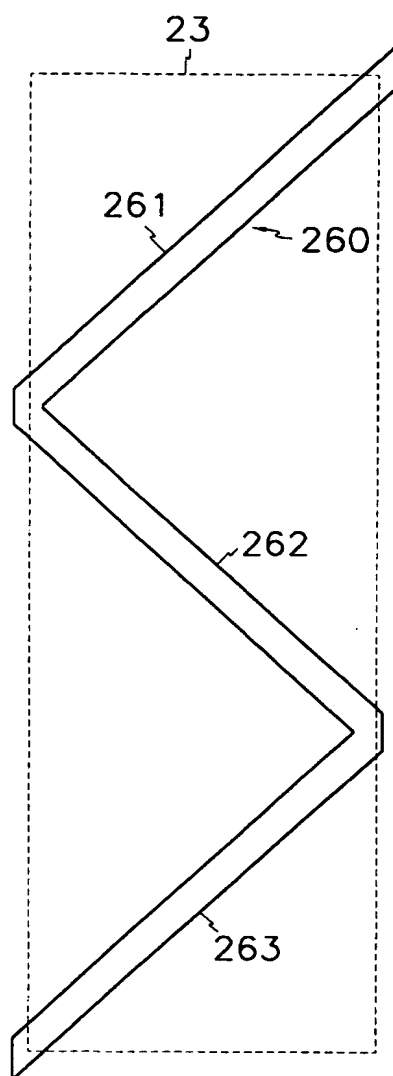


FIG. 6C

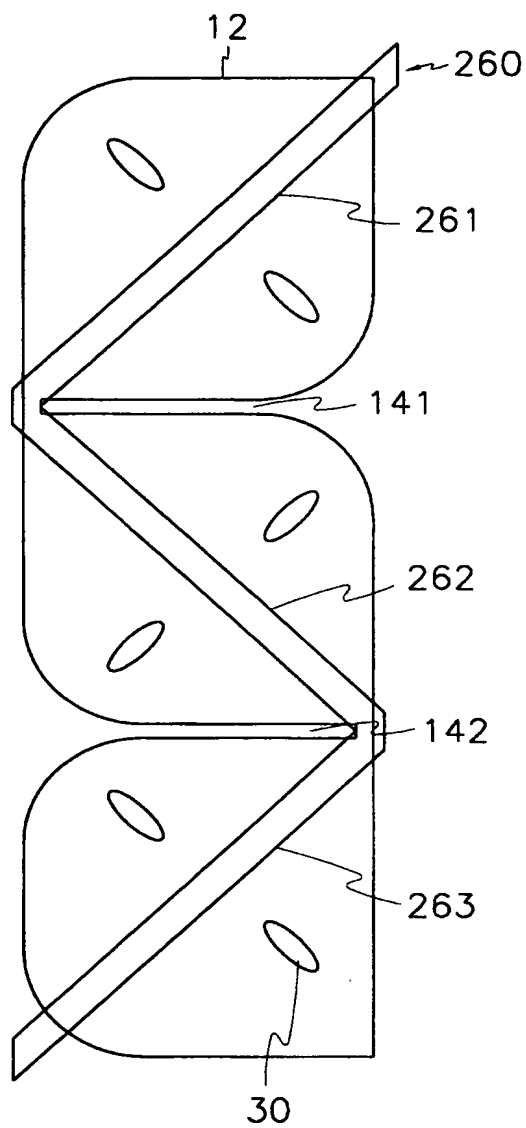




FIG. 7A

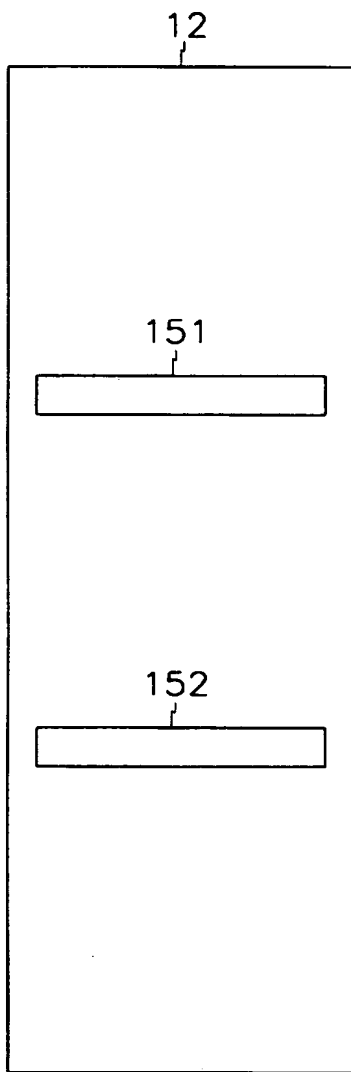


FIG. 7B

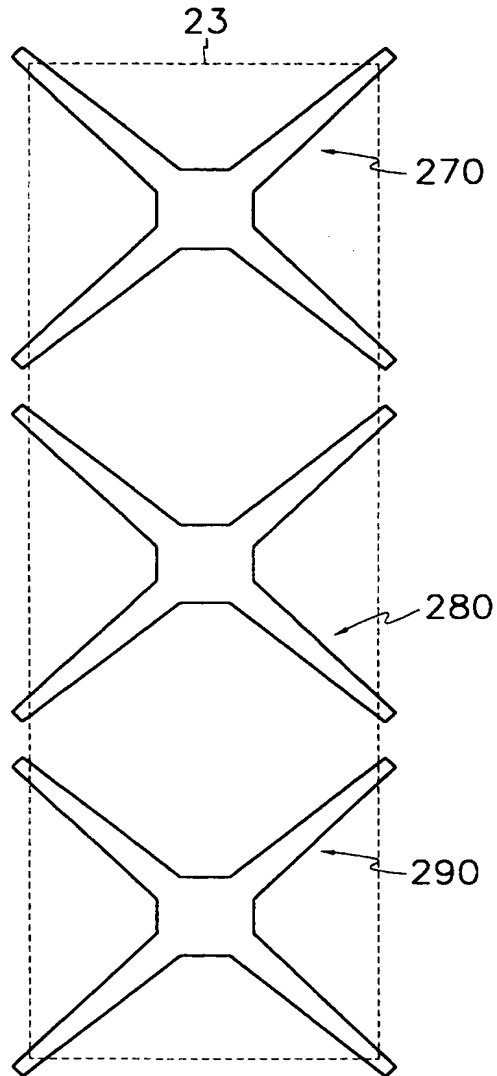




FIG. 7C

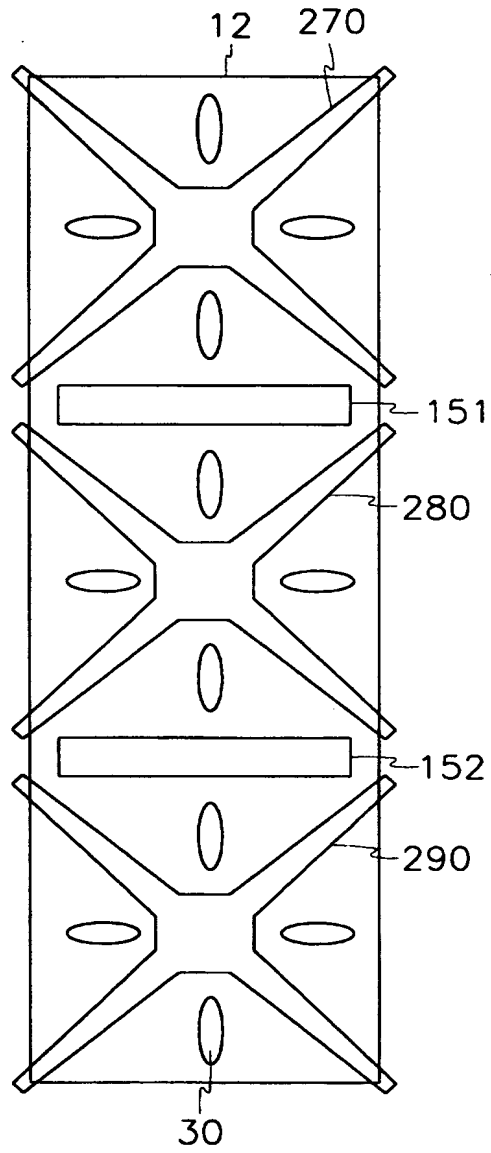




FIG. 8A

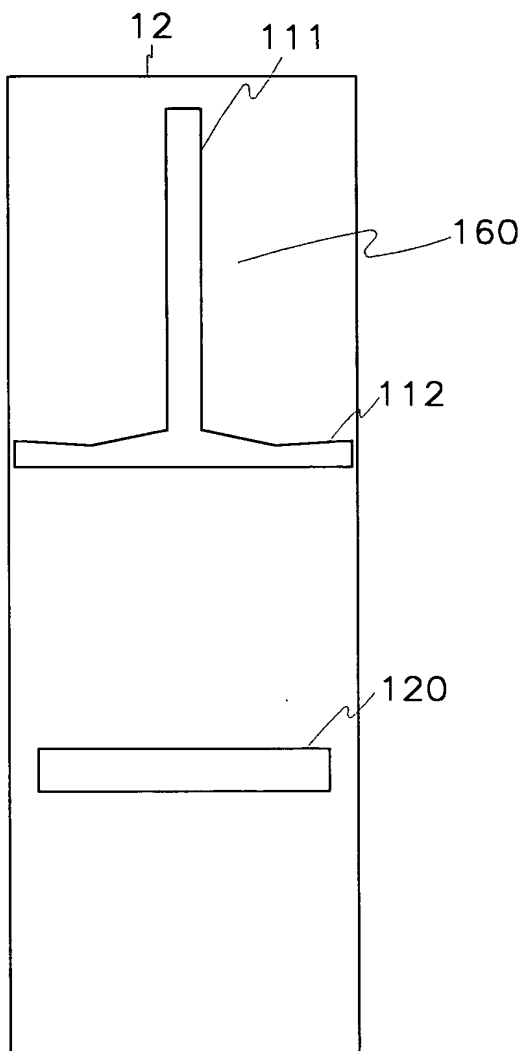




FIG. 8B

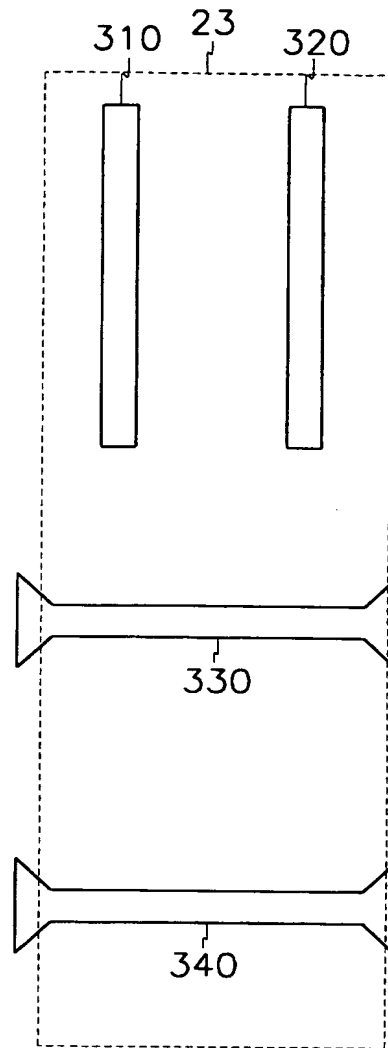




FIG. 8C

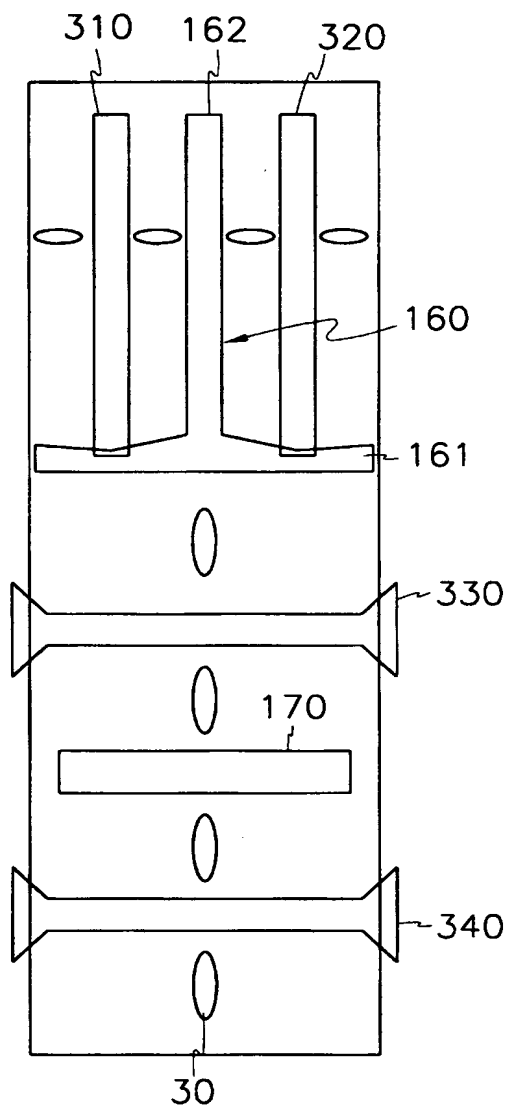




FIG. 9A

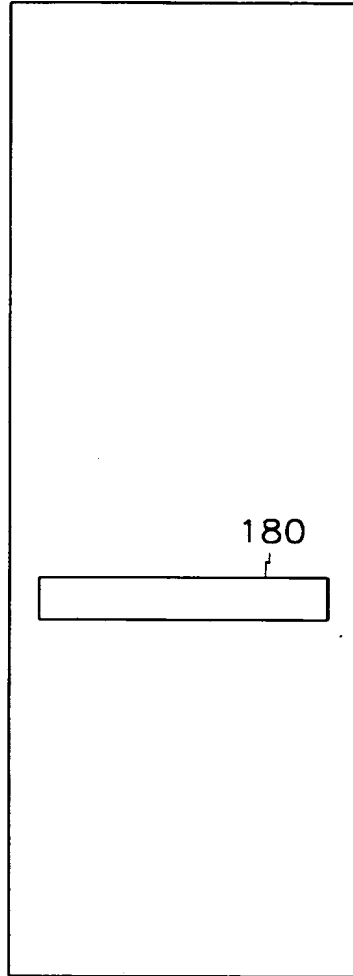




FIG. 9B

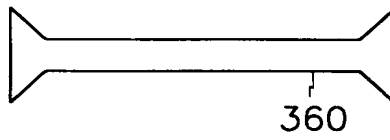
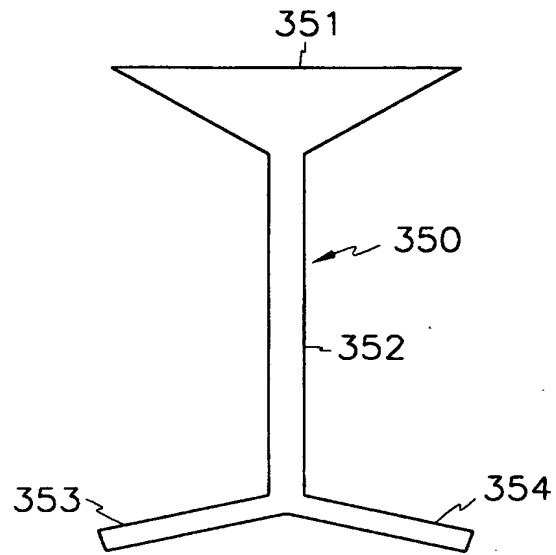


FIG. 9C

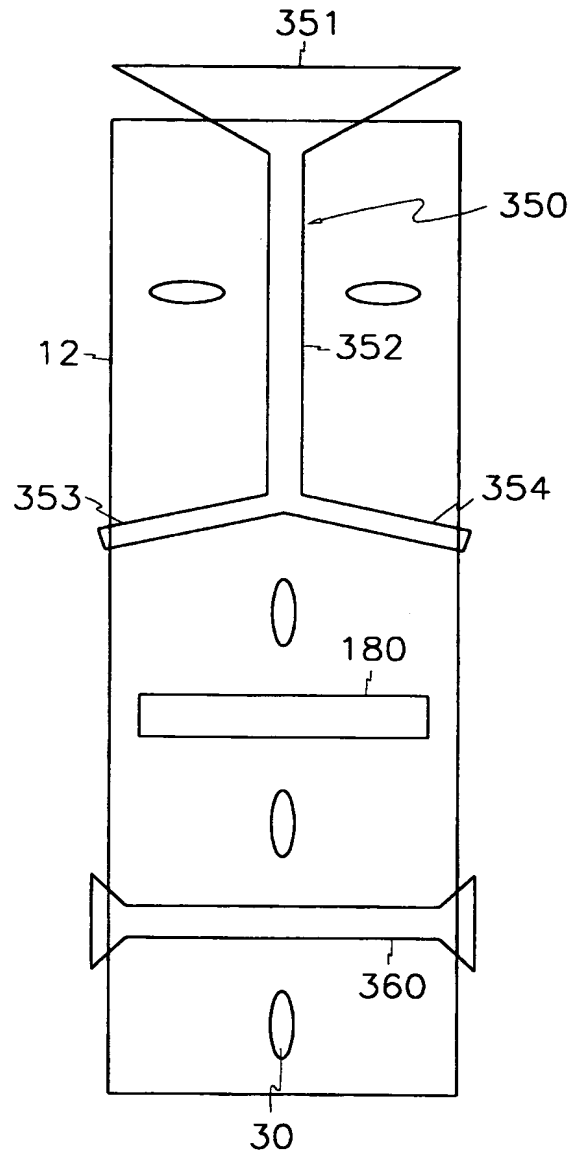




FIG. 10A

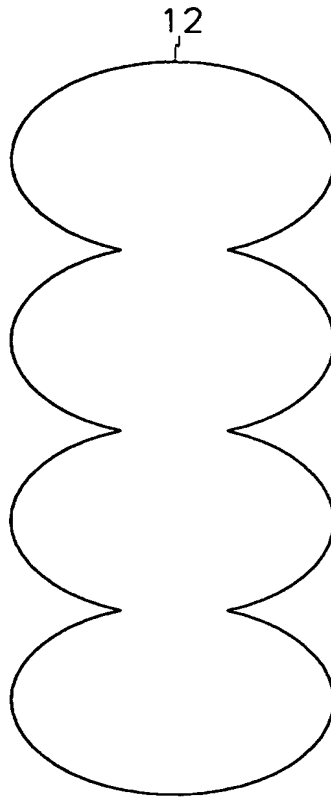




FIG. 10B

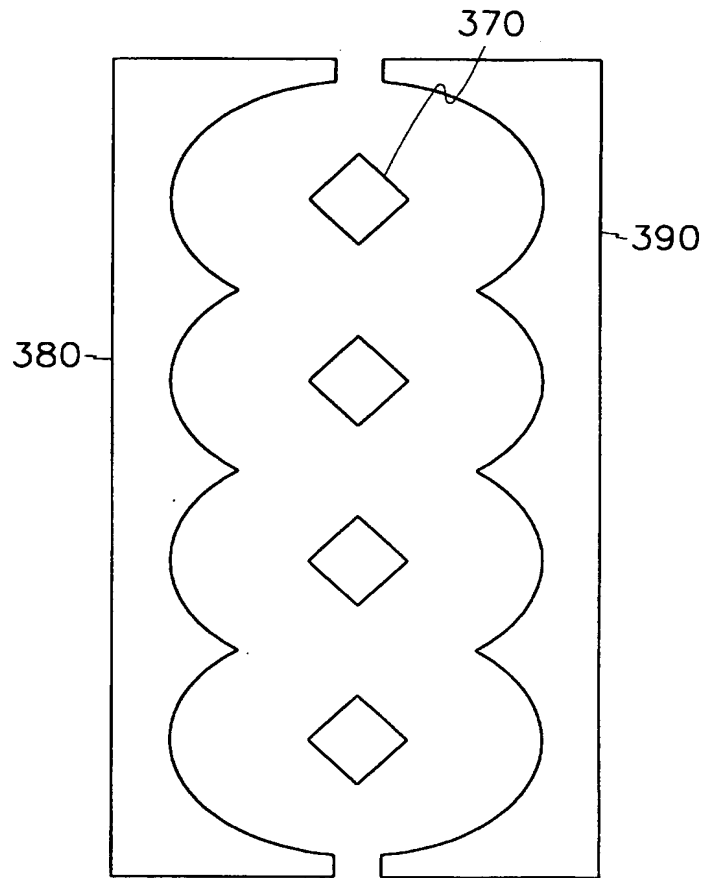


FIG. 10C

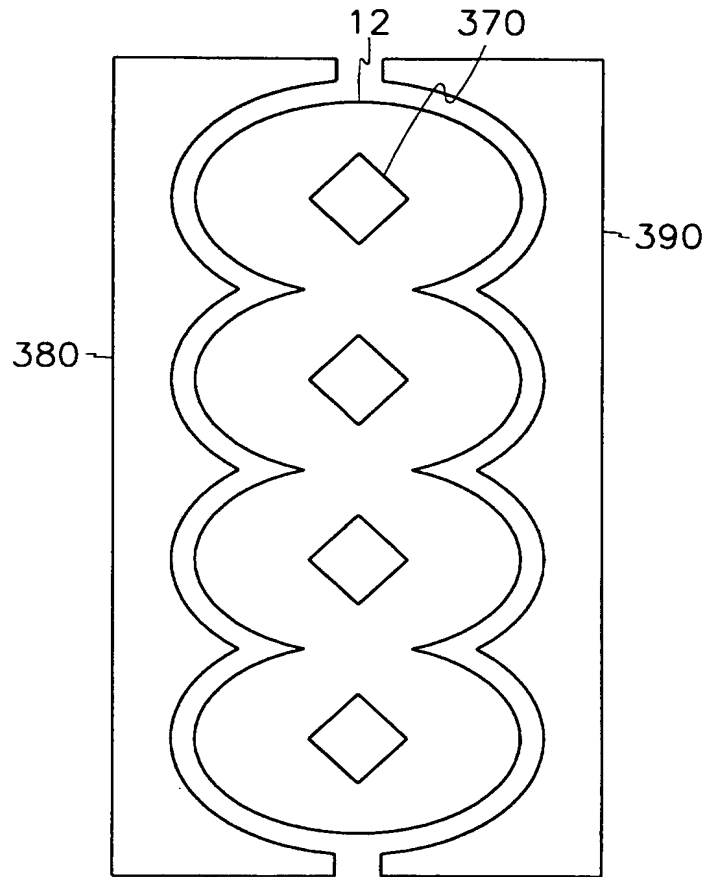


FIG. 11

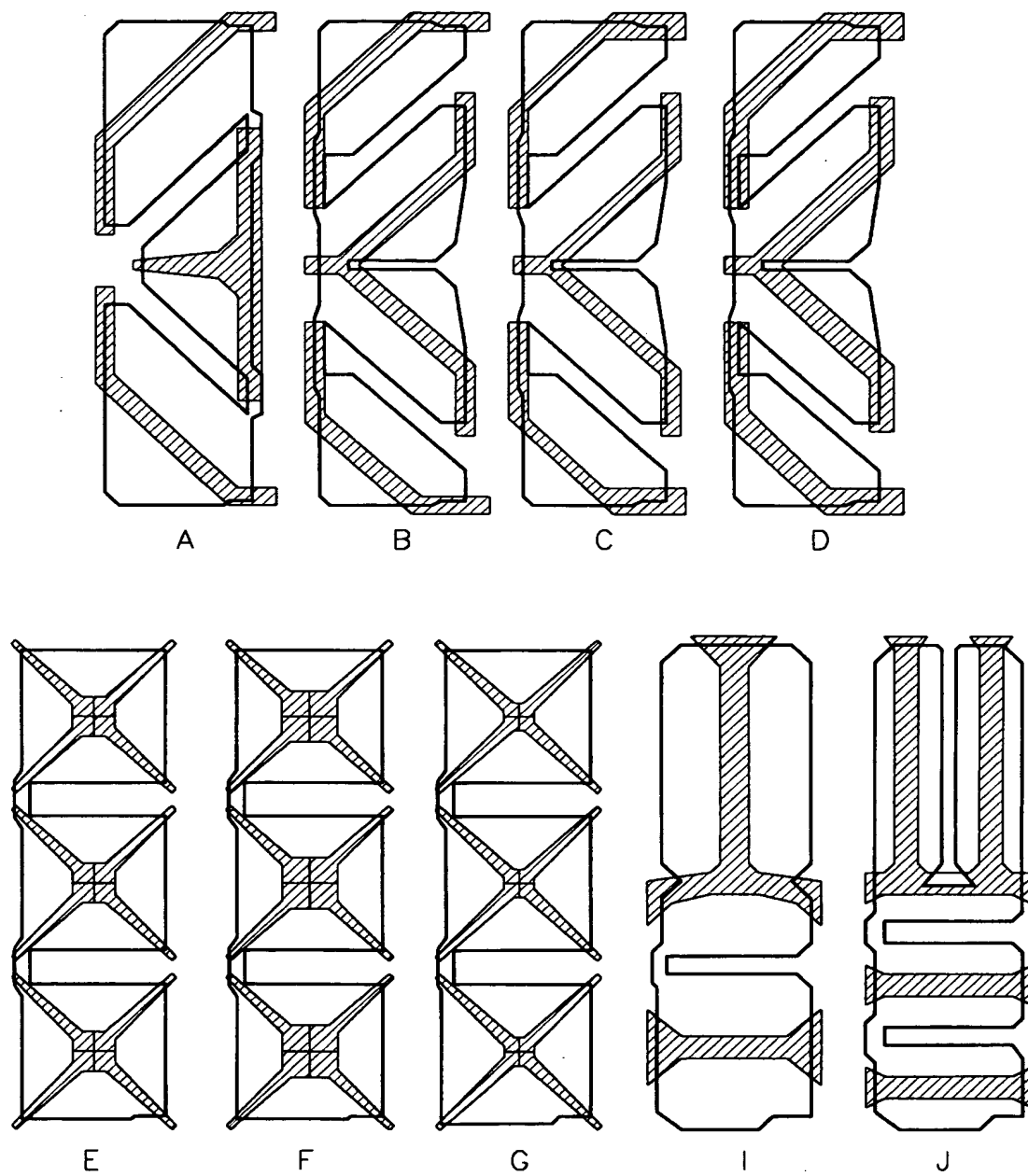


FIG. 12A

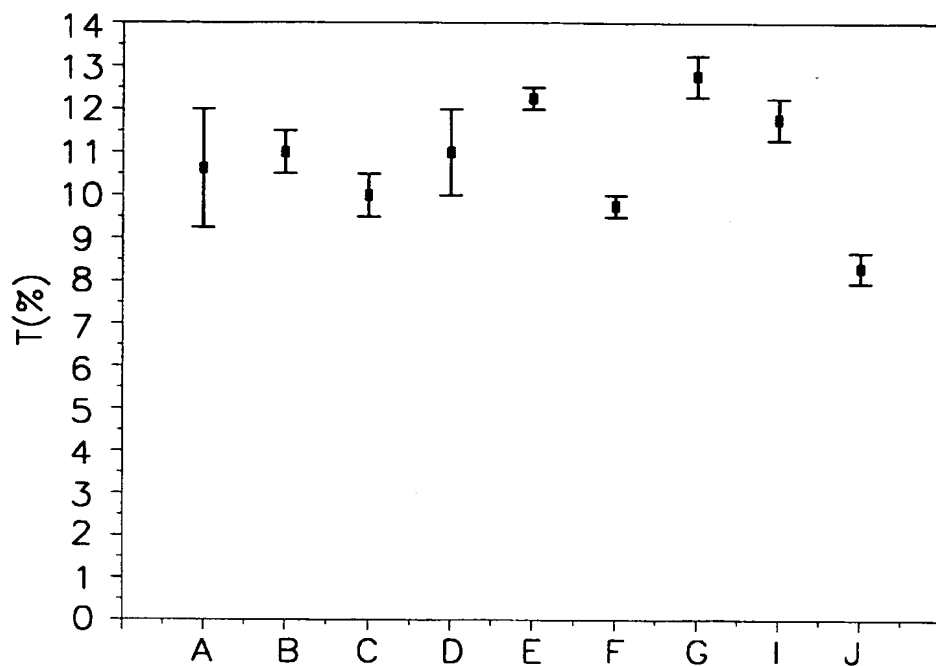


FIG. 12B

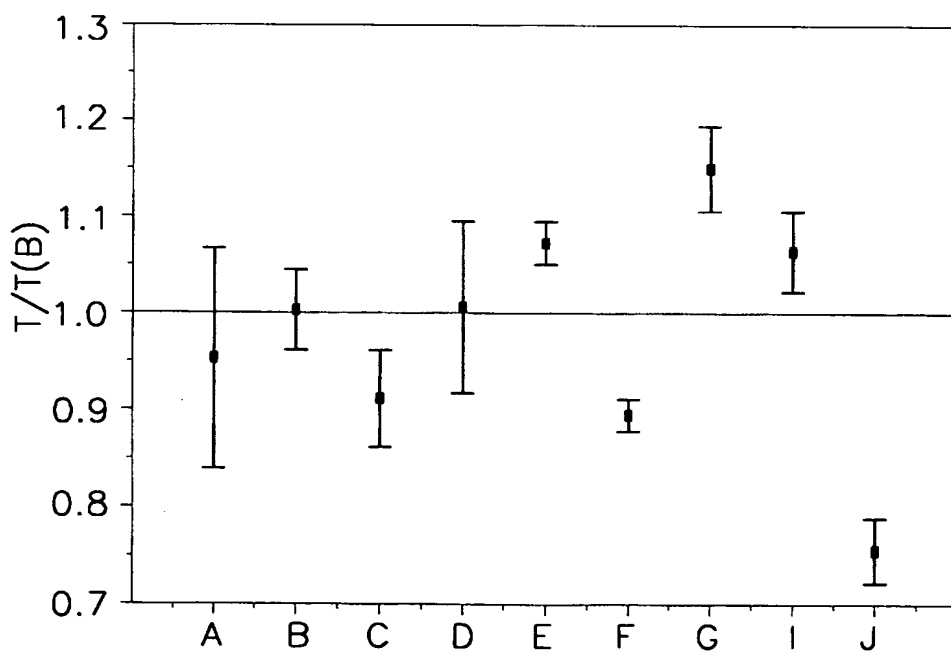




FIG. 13

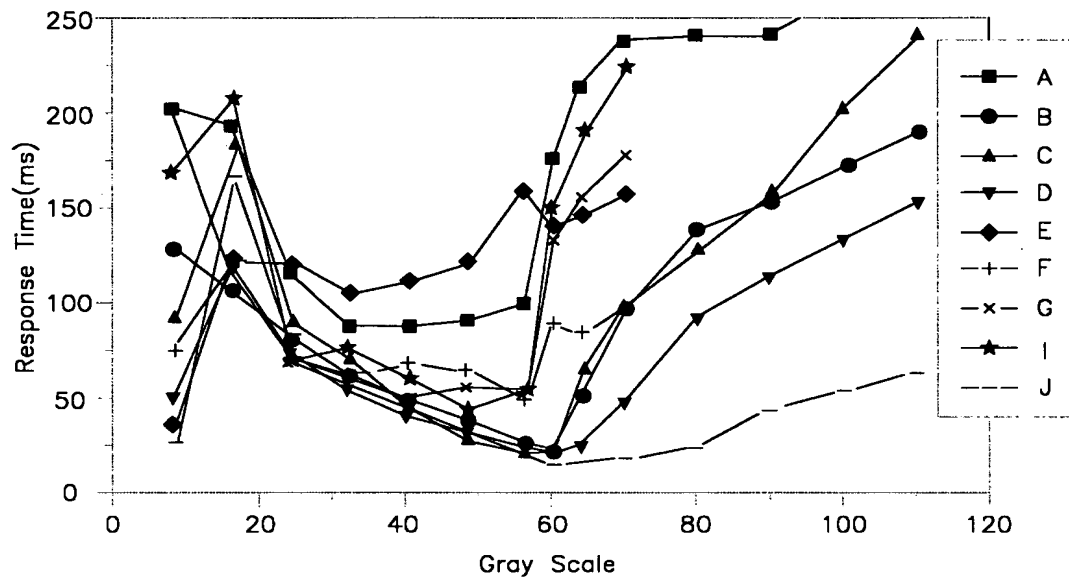


FIG. 14

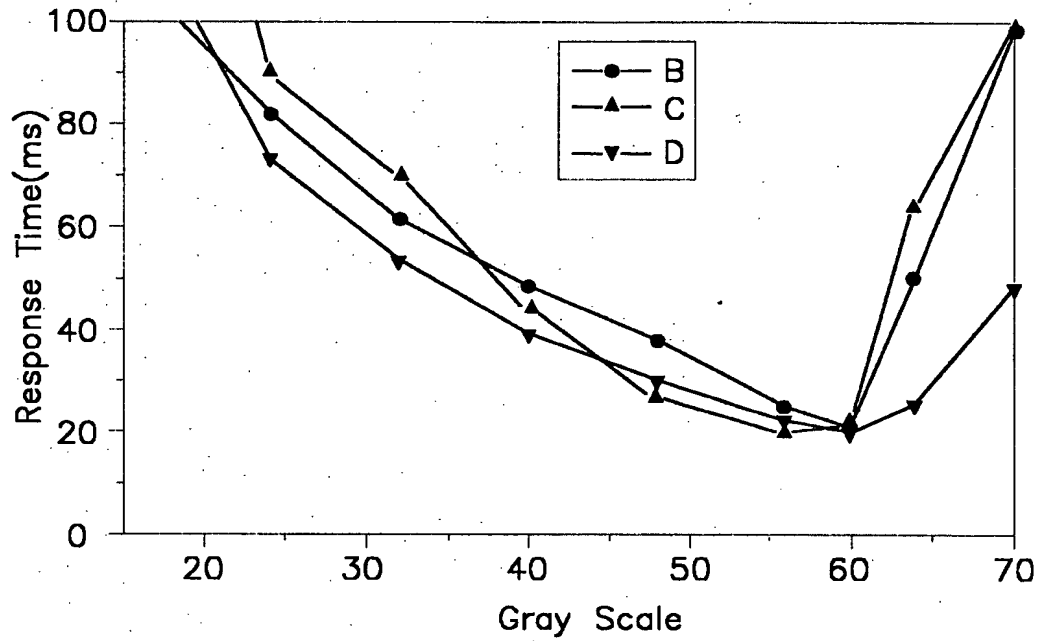
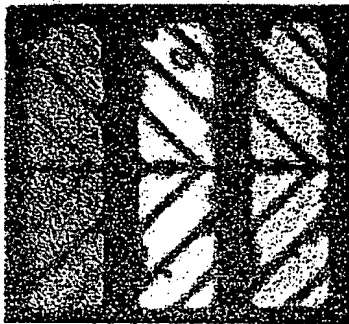


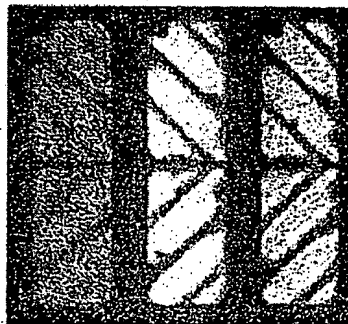
FIG.15A

FIG.15B

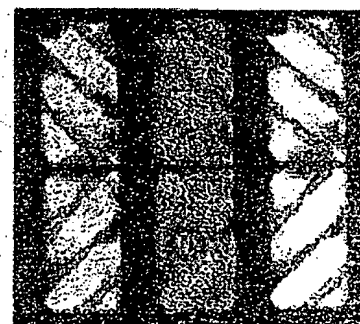
FIG.15C



C Pattern(width:7um)

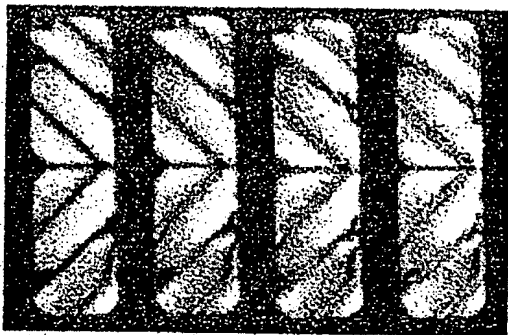


B Pattern(width:10um)



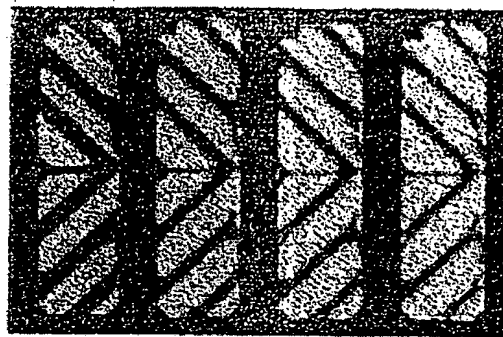
D Pattern(width:13um)

FIG.16A



C Pattern: 3V → 3.5V → 4V → 5V

FIG.16B



D Pattern: 3V → 3.5V → 4V → 5V

FIG. 17A

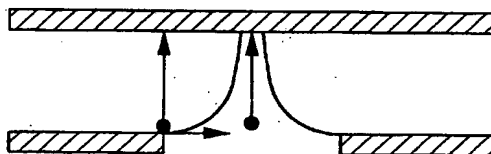


FIG. 17B

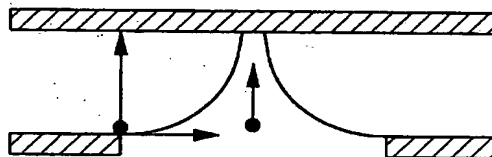
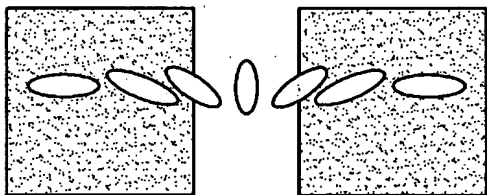


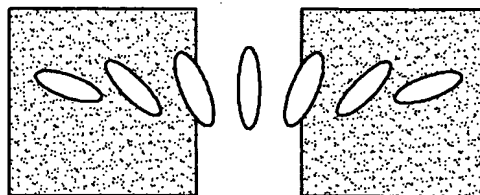


FIG.18A



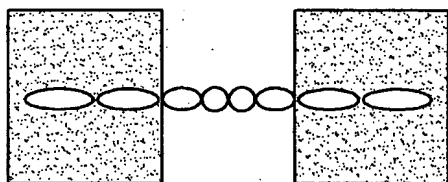
Small Width, Low Voltage

FIG.18B



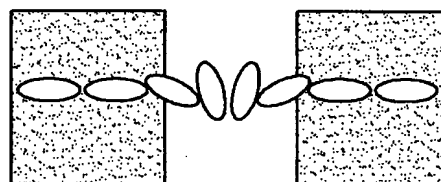
Small Width, High Voltage

FIG.18C



Large Width, Low Voltage

FIG.18D



Large Width, High Voltage

FIG. 19

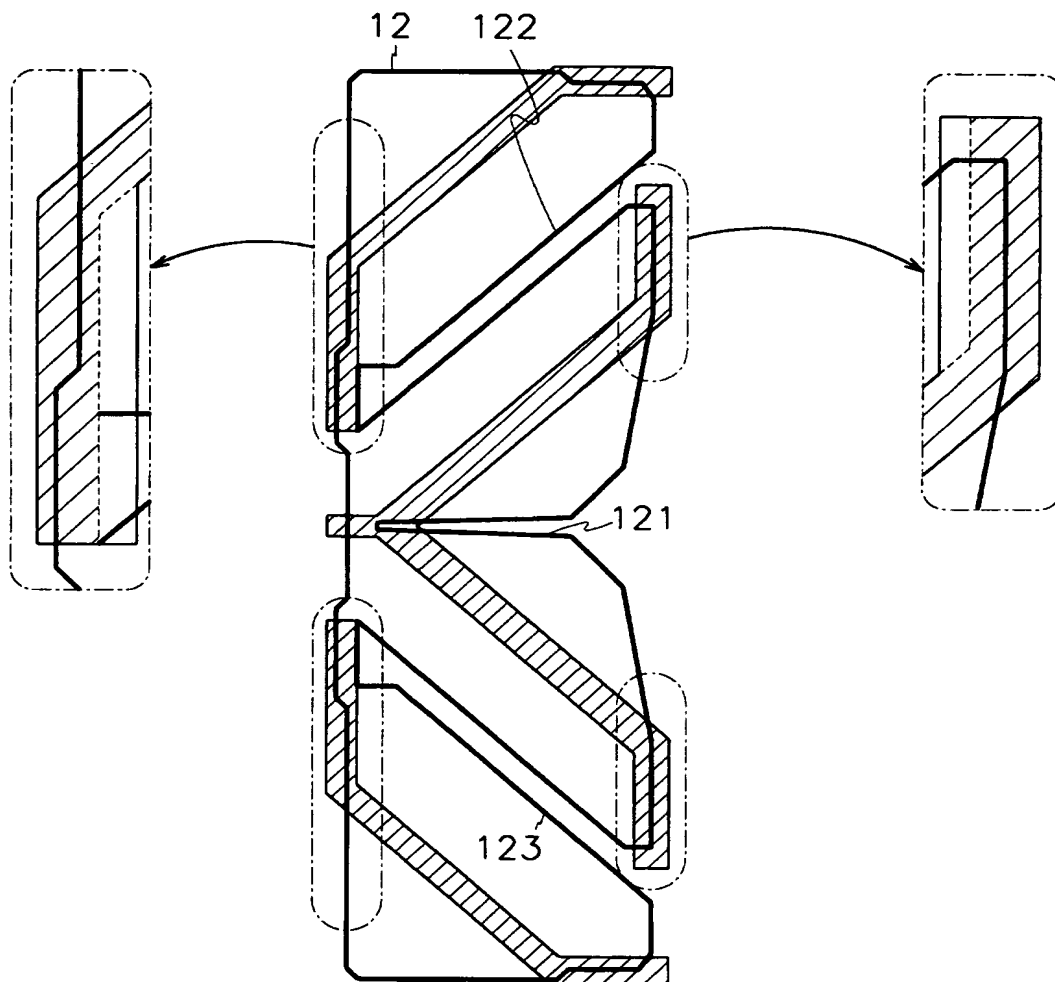


FIG. 20

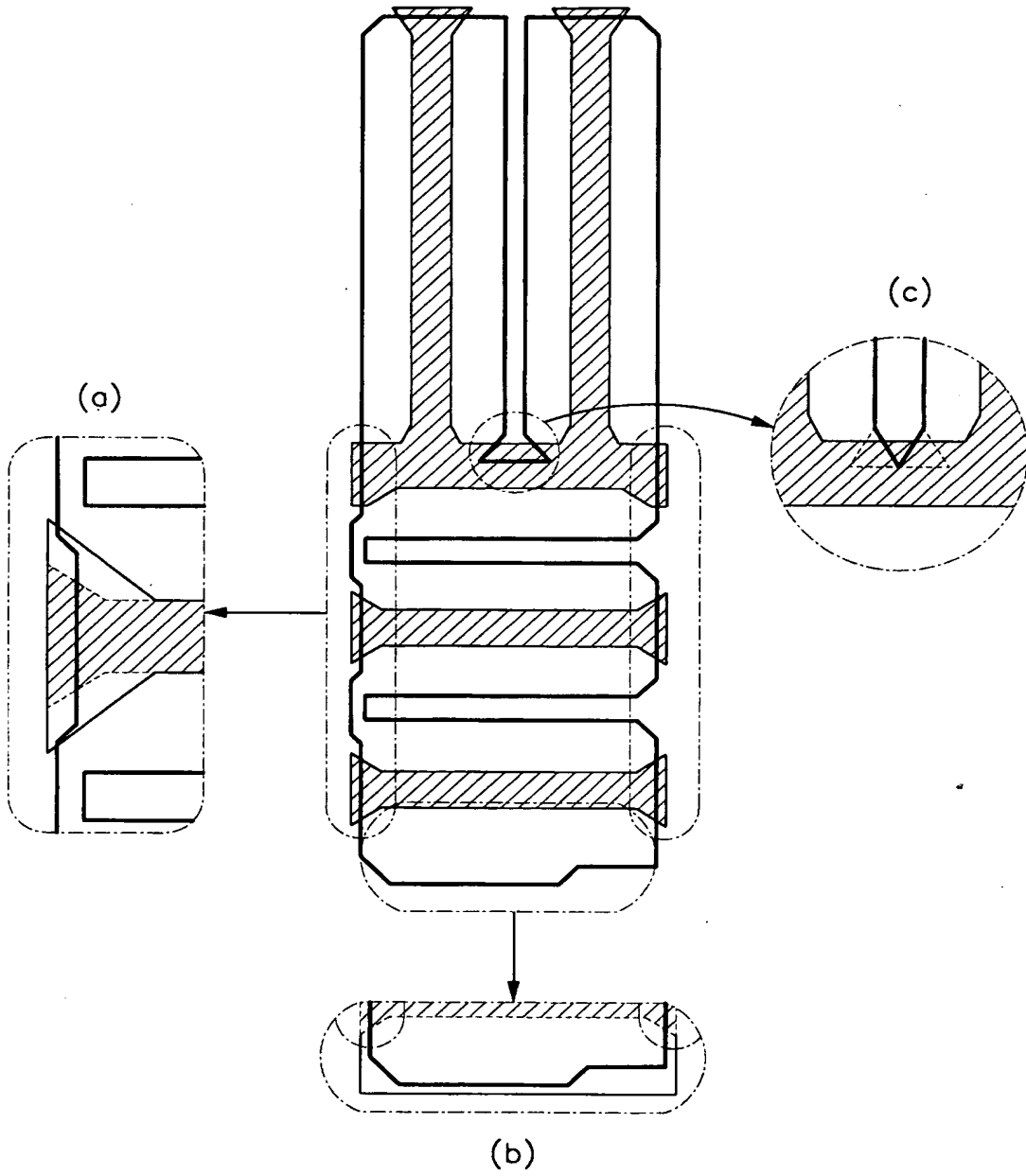




FIG. 21A

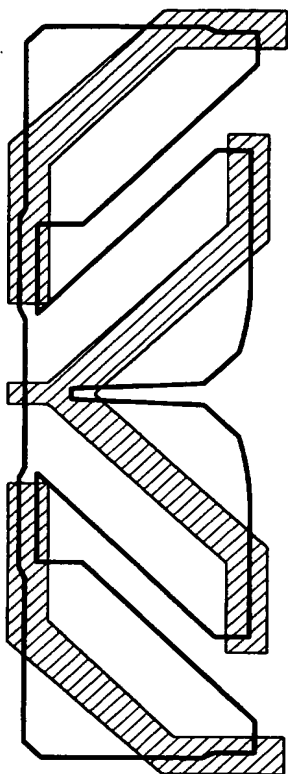




FIG. 21B

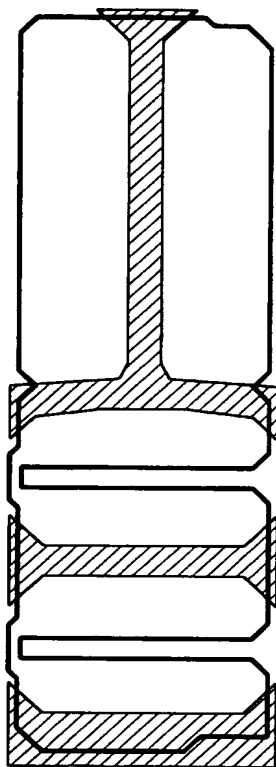




FIG. 21C

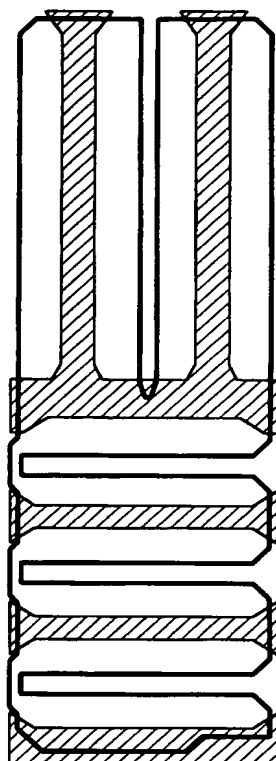




FIG.22

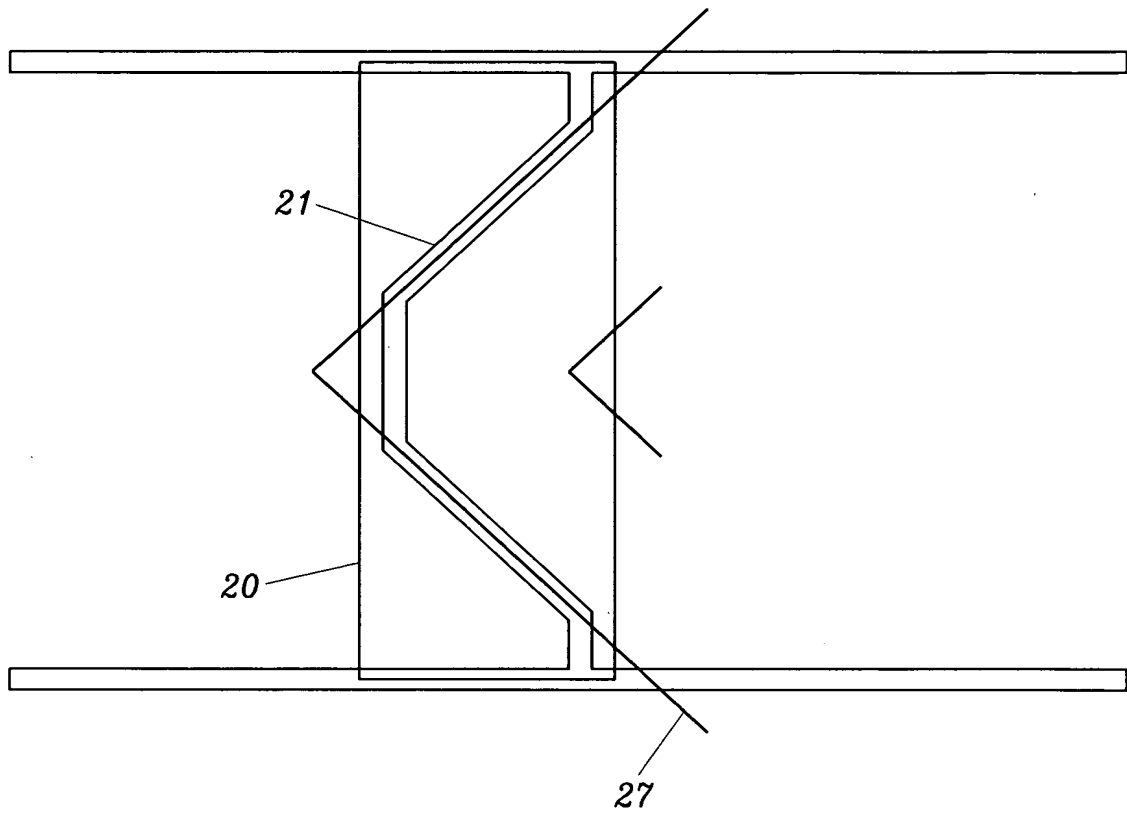




FIG.23

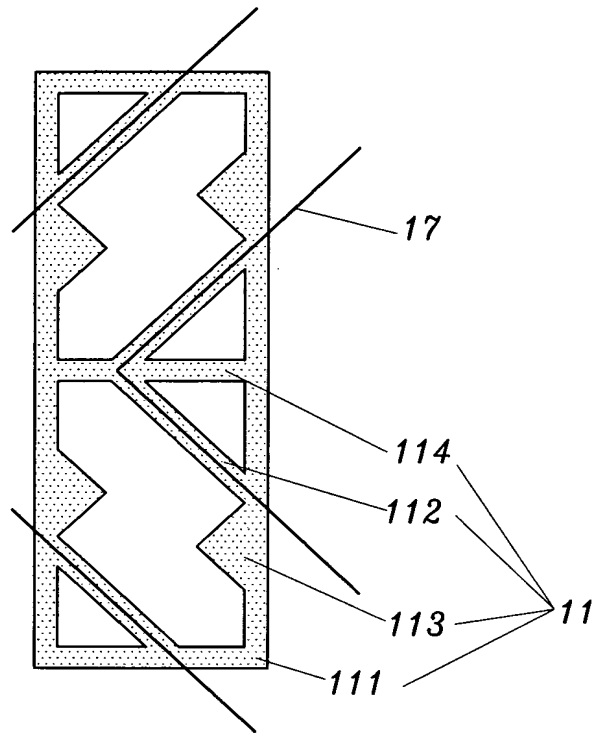




FIG.24

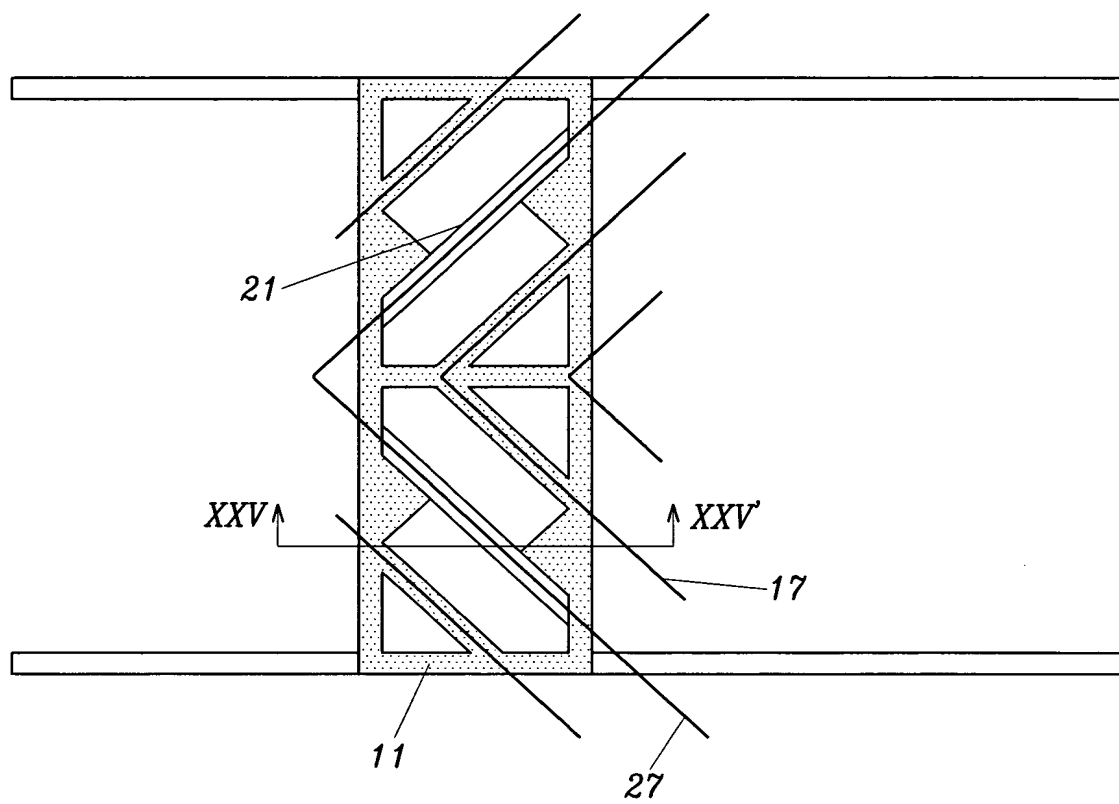
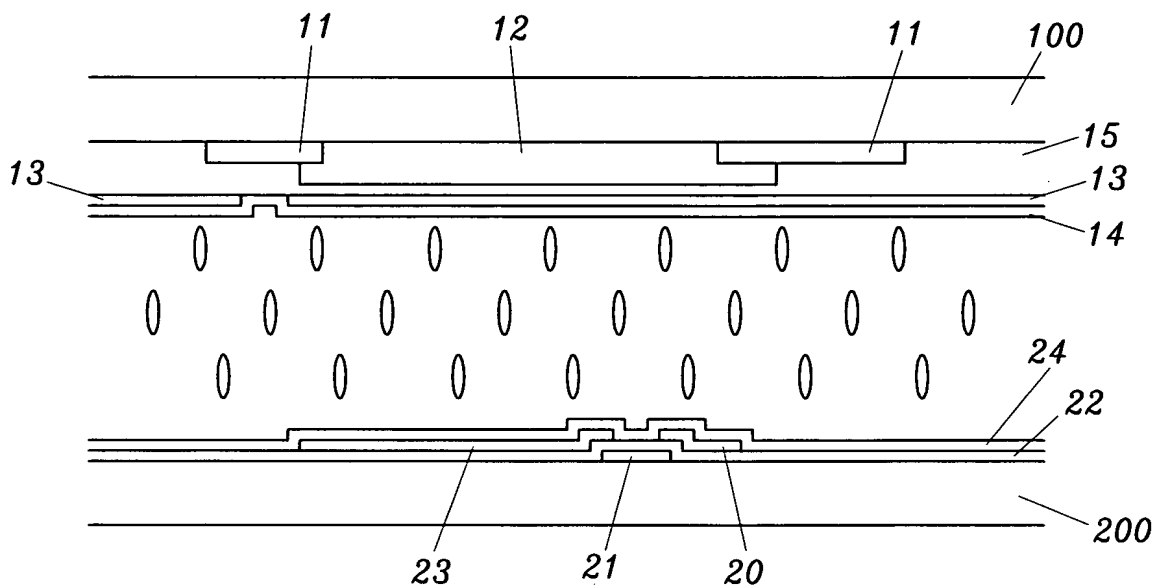




FIG.25



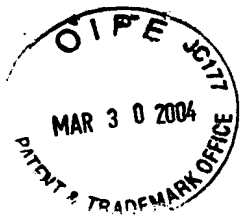


FIG.26

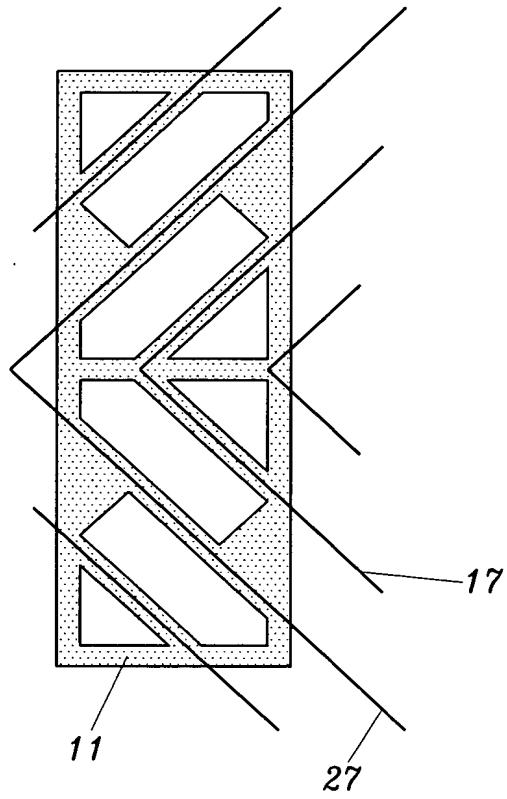




FIG.27

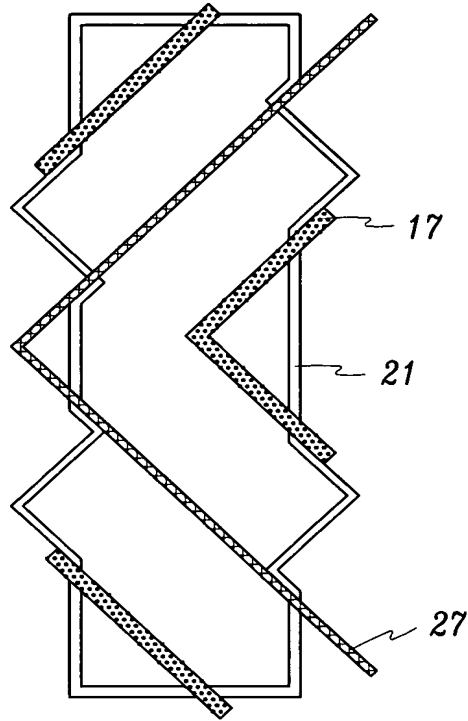


FIG.28

